

P **Digitalis purpurea**

Common Name(s)

Purple Foxglove

How Used

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	Chemical Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
0	1-METHOXY-2-HYDROXY-3-METHYL-ANTHRAQUINONE Leaf	--	--			
0	1-METHOXY-2-METHYL-ANTHRAQUINONE	Leaf	--	--		
0	14ALPHA-DIGIPRONIN	Plant	--	--		
0	16-ACETYLGITOXIN	Leaf	--	--		
0	3-METHOXY-2-METHYL-ANTHRAQUINONE	Leaf	--	--		
0	3-METHYL-ALIZARIN	Leaf	--	--		
0	3-METHYLPURPURIN	Plant	--	--		
0	4-HYDROXYDIGITOLUTEIN	Leaf	--	--		
0	6,8-DIHYDROXYMYRICETIN	Leaf	--	--		
16	ACETIC-ACID	Leaf	--	--		
19	ACETYL-CHOLINE	Leaf	--	--		

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
101	APIGENIN	Flower	--	--		
0	APIGENIN-GLUCOSYLAPIOSIDE	Flower	--	--		
20	BENZOIC-ACID	Leaf	--	--		
102	CAFFEIC-ACID	Leaf	--	--		
0	CARDEONOLIDES	Leaf	1600	4000		
0	CEROTIC-ACID	Leaf	--	--		
77	CHLOROGENIC-ACID	Leaf	--	--		
20	CHOLINE	Leaf	--	--		
23	CITRIC-ACID	Leaf	--	--		
0	CYANIDIN-3,5-DIGLUCOSIDE	Leaf	--	--		
0	DEGALACTOTIGOGENIN	Leaf	--	--		
0	DESGLUCODIGITONIN	Seed	2500	2500		
0	DIGACETENIN	Leaf	--	--		
0	DIGALOGENIN	Leaf	--	--		
0	DIGALONIN	Leaf	--	--		
0	DIGICITRIN	Leaf	--	--		
0	DIGIFOLEIN	Leaf	--	--		
0	DIGIFUCOCELLOBIOSIDE	Seed	30	30		
0	DIGININ	Leaf	--	--		

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
0	DIGIPRONIN	Leaf	--	--		
0	DIGIPROSIDE	Leaf	5	5	-1	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	DIGIPURPURIN	Leaf	225	560		
0	DIGIPURPUROGENIN	Plant	--	--		
2	DIGITALIN	Plant	--	--		
0	DIGITALONIN	Leaf	--	--		
0	DIGITOGENIN	Leaf	--	--		
2	DIGITOLUTEIN	Leaf	--	--		
4	DIGITONIN	Leaf	--	--		
4	DIGITONIN	Seed	4000	4000		
0	DIGITOPURPON	Leaf	--	--		
0	DIGITOXIGENIN	Leaf	1	10	-1	
0	DIGITOXIGENIN-BISDIGITOXOSIDE	Leaf	10	30	1	
0	DIGITOXIGENIN-GLUCOMETHYLOSIDIE	Leaf	30	100		
6	DIGITOXIN	Leaf	20	3000	1	
0	DINATIN	Leaf	--	--		
0	EVATROMONOSIDE	Leaf	5	50		
0	F-GITONIN	Leaf	--	--		

	Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
0	FAT	Leaf	12200	12200	-0.8820016815010048		
0	FAT	Seed	500000	500000	1.235787477603246		
61	FERULIC-ACID	Leaf	--	--			
13	FORMIC-ACID	Leaf	--	--			
62	GALLIC-ACID	Leaf	--	--			
1	GITALIN	Leaf	3000	9000			
0	GITALOXIGENIN	Leaf	1	10			
0	GITALOXIGENIN-BISDIGITOXOSIDE	Leaf	1	20			
0	GITALOXIN	Leaf	10	300	1		
1	GITOGENIN	Leaf	2000	3000			
0	GITONIN	Seed	1500	1500			
0	GITONIN	Leaf	--	--			
0	GITORIN	Plant	--	--			
0	GITOROSIDE	Leaf	5	30	-1		
0	GITOSTIN	Seed	200	200			
1	GITOXIGENIN	Leaf	1	10	-1		
0	GITOXIGENIN-BISDIGITOXOSIDE	Leaf	1	20			
3	GITOXIN	Leaf	20	250	1		
0	GITOXINCELLOBIOSIDE	Seed	2	2			

Chemical	Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
0	GITOXOSIDE	Plant	--	--			
0	GLUCO-EVATROMONOSIDE	Seed	200	200	-1		
0	GLUCO-EVATROMONOSIDE	Leaf	20	250	-1		
0	GLUCODIGIFUCOSIDE	Leaf	10	30	-1		
0	GLUCODIGIFUCOSIDE	Seed	600	600	1		
0	GLUCODIGITOXIGENIN-BISDIGITOXOSIDE	Leaf	20	120			
0	GLUCODIGITOXIGENIN-BISDIGITOXOSIDE	Seed	10	10			
0	GLUCODIGITOXIGENIN-GLUCOMETHYLOSIDE	Leaf	--	--			
0	GLUCOGITALOXIGENIN-BISDIGITOXOSIDE	Leaf	10	100			
0	GLUCOGITALOXIGENIN-BISDIGITOXOSIDE	Seed	20	20			
0	GLUCOGITALOXIN	Leaf	100	1000	1		
0	GLUCOGITALOXIN	Seed	200	200			
0	GLUCOGITOROSIDE	Seed	30	30	-1		
0	GLUCOGITOROSIDE	Leaf	20	150	-1		
0	GLUCOGITOXIGENIN-BISDIGITOXOSIDE	Leaf	20	80			
0	GLUCOLANADOXIN	Leaf	20	200	-1		
0	GLUCOLANADOXIN	Seed	150	150	-1		
0	GLUCOVERODOXIN	Seed	1000	1000	1		
0	GLUCOVERODOXIN	Leaf	100	400	-1		

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
8	INOSITOL	Leaf	--	--		
0	ISOCHRYSOPHANOL	Leaf	--	--		
8	LACTIC-ACID	Leaf	--	--		
0	LANADOXIN	Leaf	5	30	-1	
0	LANAFOLIN	Leaf	--	--		
2	LOLIOLIDE	Leaf	--	--		
78	LUTEOLIN	Leaf	--	--		
0	LUTEOLIN-5-XYLOSIDE-7-GLUCURONIDE	Leaf	--	--		
0	LUTEOLIN-7-D-GLUCOSIDE	Leaf	--	--		
0	LUTEOLIN-7-XYLOSIDE-5-GLUCURONIDE	Leaf	--	--		
0	LUTEOLIN-DIGLUCOSIDE	Flower	--	--		
0	LUTEOLIN-L-7-GLUCOSYL-GLUCURONIDE	Leaf	--	--		
0	LUTEOLIN-L-7-GLUCURONIDE	Leaf	--	--		
0	MELISSYL-ALCOHOL	Leaf	--	--		
0	NEODIGITOGENIN	Plant	--	--		
0	NEODIGTALOGENIN	Plant	--	--		
0	NEOGITOSTIN	Seed	200	200		
0	ODOROBIOSIDE-G	Seed	50	100		
0	ODOROBIOSIDE-G	Leaf	20	50	1	

	Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
0	ODOROBIOSIDE-H	Leaf	5	5			
25	P-COUMARIC-ACID	Leaf	--	--			
0	PELARGONIDIN-3,5-DIGLUCOSIDE	Leaf	--	--			
0	PHOMARIN	Leaf	--	--			
0	PHOMARIN-6-METHYL-ETHER	Leaf	--	--			
0	PURLANOSIDE-B	Seed	20	20			
0	PURPNIN	Plant	--	--			
0	PURPRIN	Leaf	--	--			
0	PURPRONIN	Leaf	--	--			
0	PUPPUREAGITOSIDE	Plant	--	--			
0	PUPPUREAGLYCOSIDE-A	Leaf	200	1200	1		
0	PUPPUREAGLYCOSIDE-A	Seed	30	30	-1		
0	PUPPUREAGLYCOSIDE-B	Leaf	200	800			
0	PUPPUREAGLYCOSIDE-B	Seed	10	10	-1		
5	SAPONINS	Seed	10000	10000	-0.36342137442891553		
0	SITOSTEROL	Leaf	--	--			
0	SPIROSTANOL-GLYCOSIDES	Leaf	10000	10000			
1	STROSPESIDE	Leaf	50	200		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.	

	Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
7	SUCCINIC-ACID	Leaf	--	--			
1	TIGOGENIN	Leaf	4000	7000	1		
0	TIGONIN	Leaf	--	--			
0	TIGONIN	Seed	300	300			
0	TRIACONTANE	Leaf	--	--			
0	VERODOXIN	Leaf	50	200	1	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.	